N_Max Wireless USB Adapter

WUA-0600

H/W Version: 1

Product Overview

The LevelOne WUA-0600 is a draft-n 2.0 Wireless USB adapter that enables desktop and notebook computers with high-speed wireless connectivity. The USB 2.0 interface adapter can be installed on a Windows 2000, XP or Vista system and includes a comprehensive management utility for easy configuration.

High-Speed Wireless Connectivity

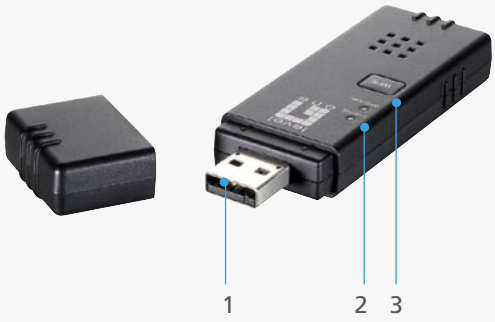
The WUA-0600 *N_Max* Wireless USB Adapter supports wireless network connectivity at up to 300 Mbps. This adapter operates in the 2.4 GHz band and is fully backward compliant with 11b and 11g wireless network standards. It is easily installed on any USB port on a desktop or notebook computer.

Wireless Network Security

The LevelOne WUA-0600 incorporates an easy to use wireless network security interface. A one-touch set-up automatically connects the USB adapter to a WiFi Protected Setup compatible Access Point or Wireless Router. The *N_Max* Wireless USB adapter is compliant with WEP, WPA-PSK and WPA2-PSK security protocols.

Configuration Utility

An easy to use configuration utility, which contains WPS setting, network information and activity statistics is included with the WUA-0600. The utility is easily installed on any Windows 2000, Windows XP and Windows Vista notebook or desktop computer.



1. USB Port
2. Link/Act. LED
3. WPS Auth. Button

Key Features

- High-speed 11n Wireless USB Adapter
- High-speed wireless connection up to 300 Mbps
- Support WEP, WPA-PSK, WPA2-PSK, WPA and WPA2 security
- Easy push-button WPS setup
- WMM (Wi-Fi Multimedia) Compliant
- Support Windows 2000, XP and Vista

Related Prodoucts

WNC-0601
N_Max Wireless PCI Card

WPC-0601
N_Max Wireless CardBus Adapter

Technical Specification

Standards
802.11n Draft 2.0, IEEE 802.11g, IEEE 802.11b

Host Interface
USB Port Type: USB 2.0, 1.1

Radio Operation
Data Transfer Rate
Draft 802.11n: Up to 300Mbps
802.11g: 54, 48, 36, 24, 18, 12, 9 and 6 Mbps
802.11b: 11, 5.5, 2 and 1 Mbps

Modulation
Draft 802.11n: BPSK, QPSK, 16-QAM, 64-QAM
802.11g: OFDM
802.11b: CCK, QPSK, BPSK

Media Access Control
CSMA/CA with ACK

Frequency Band
2.4GHz ~ 2.4835GHz

Number of Channels
Channel 1 ~ 11 North America (FCC)
Channel 1 ~ 13 Europe (ETSI)

Receiver Sensitivity(Typical)
Draft 802.11n:
-65dBm @ 64-QAM, 40MHz channel spacing
-70dBm @ 64-QAM, 20MHz channel spacing
802.11g:
-72dBm @ 54 Mbps
802.11b:
-86dBm @ 11 Mbps

Transmitter Output Power (Typical)
Draft 802.11n: 14.5 ± 1dBm
802.11g: 14.5 ± 1dBm
802.11b: 17.5 ± 1dBm

Network Security
- WEP-64/128 bit
- WPA
- WPA-PSK
- WPA2
- WPA2-PSK
- Support WPS configuration

Device Management
Windows Utility Software
OS Supported: Windows 2000/XP/Vista 32bit/Vista 64bit

Physical Specifications
LED
Power/Link/WPS

WPS Button

Temperature
-10°C ~ 50°C

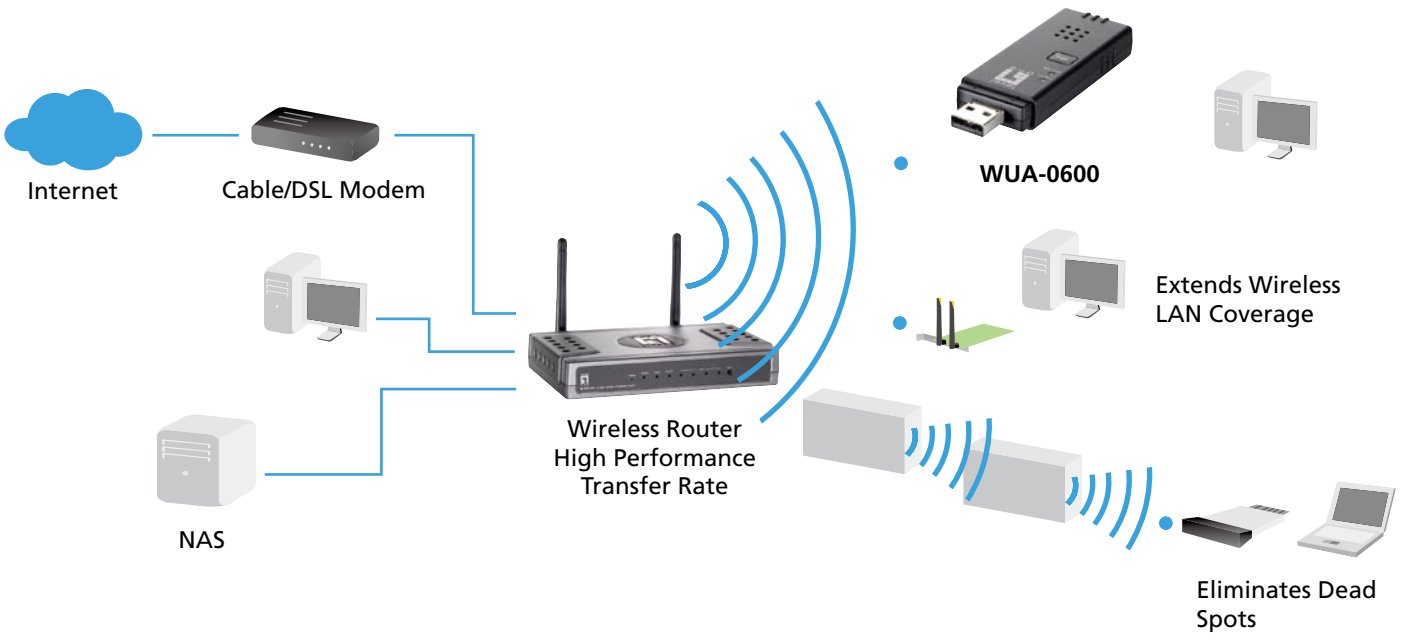
Humidity
5% ~ 90% (non-condensing)

Power Requirement
DC 5V, 0.5A

Dimensions
83.7mm(L) x 32.1mm(W) x 14.6mm(H)

Certifications
CE,FCC

Product Diagram



Order Information

WUA-0600 : *N_Max* Wireless USB Adapter

Package Contents

WUA-0600
Extension Cable
Quick Installation Guide
CD Manual/Driver/Utility

Optional Accessories

SUS-1000
Small USB Stand

SUS-1003
Small USB Stand
with extension cable

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